

From: [Blend, Jeff](#)
To: [Tina Laidlaw/MO/R8/USEPA/US@EPA](#)
Cc: [LaVigne, Paul](#)
Subject: RE: Secondary Plants less than 1 MGD
Date: 08/25/2011 08:15 AM

Let us keep it down to two. I already know I won't get you the paper this week, as it is a complicated demonstration. I am feeling like I cannot even get this thing done. How about Lolo and Stevensville? I would need to know what WERF level they are at and their current rates. I assume that they are both below 1 MGD.

This is what I have for Lolo, but I don't think this would get us to WERF 5, so I may need to disregard the following info:

Lolo (from 2006 PER - so may need an inflation adjustment):

Primarily targets P removal:

Flow (current) : Ave Day = 0.199 mgd, Max Day = 0.23 mgd

Upgrade to MBR for nutrient removal: Cost \$3,254,000 + \$275,000 O&M cost

This design provides for 20-yr growth to triple the Max Day flow. No numbers for reducing cost to just meet current conditions available.

Yes, I will need help on those two plants.

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-----Original Message-----

From: Laidlaw.Tina@epamail.epa.gov [mailto:Laidlaw.Tina@epamail.epa.gov]
Sent: Wednesday, August 24, 2011 12:57 PM
To: Blend, Jeff
Cc: LaVigne, Paul
Subject: Re: Secondary Plants less than 1 MGD

Jeff,

what about Lolo and Colstrip? Paul said Stevensville had higher rates so they be good to look at. Let me know if you want me to dig into the permits and figure out the effluent limits or if there is anything I can do to help.

Tina

Tina Laidlaw
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From: "Blend, Jeff" <jblend@mt.gov>
To: "LaVigne, Paul" <plavigne@mt.gov>, Tina Laidlaw/MO/R8/USEPA/US@EPA
Date: 08/23/2011 08:18 AM
Subject: Secondary Plants less than 1 MGD

The design flow for Havre appears to be 1.8 MGD from the 2008 list. The actual flow may be right below 1 MGD. Nonetheless, by our definition, we are using design flow for categories, so I will keep Havre in the >1 MGD category unless either of you object.

So, what about other advanced (secondary) plants less than 1 MGD?

Chinook
Big Fork (but we list that as a lagoon)
Colstrip
Forsyth
Laural
Lolo
Stevensville

Hardin has a design flow of 1.0 MGD

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